



1614
 RECEIVED
 FEB 05 2001
 835-002-003
 PATENT & TRADEMARK OFFICE
 TECH CENTER 1600
 1602300

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants	Martin E. Davis, et al
Serial No. 09/702,068	Filing Date: October 30. 2000
Title of Application:	Enzymatic Treatment of Whey Proteins for the Production of antihypertensive Peptides and the Resulting Products
Group Art Unit: 1614 <i>1651</i>	

Assistant Commissioner for Patents
 Washington, DC 20231

Information Disclosure Statement by Applicants

Dear Sir:

As a means of complying with duty of disclosure set forth in 37 CFR §1.56, Applicants list the following references (copies of the listed patents and papers enclosed):

U.S. Patent Documents				
Exam. Initials	Class/ Subclass.	Document No.	Date	Name
<i>M/M</i>	427/7	3,857,966	12/31/74	Feldman, et al.
	426/46	3,932,672	1/13/76	Pour-El, et al.
	195/29	3,970,520	7/20/76	Feldman, et al.
	426/34	4,001,437	1/4/77	Jaeggi, et al.
<i>o</i>	426/7	4,107,334	8/15/78	Jolly
<i>✓</i>	210/33	4,154,675	5/15/79	Jewett, et al.

Mailing Certificate: I hereby certify that this correspondence is today being deposited with the U.S. Postal Service as *First Class Mail* in an envelope addressed to: Commissioner of Patents and Trademarks; Washington, DC 20231.

January 31, 2001

Nancy S. Guth
 Nancy S. Guth

U.S. Patent Documents (continued)

Exam. Initials	Class/ Subclass.	Document No.	Date	Name
<i>M/M</i>	426/549	4,218,490	8/19/80	Phillips, et al.
	426/7	4,293,571	10/6/81	Olofsson, et al.
	426/657	4,293,583	10/6/81	Farr, et al.
	424/177	4,427,658	1/24/84	Maubois, et al.
	426/7	4,482,574	11/13/84	Lee
	426/177	4,486,413	12/4/84	Wiesenberger, et al.
	426/41	4,847,096	7/11/89	Mellqvist, et al.
	514/2	5,869,444	2/9/99	Klein
	426/41	4,981,704	1/1/91	Thibault
	426/41	5,039.532	8/13/91	Jost, et al.
	435/68.1	5,322,773	6/21/94	Kaneko, et al.
	435/68.1	5,369,015	11/29/94	Yoshikawa, et al.
	426/580	5,405,637	4/11/95	Martinez, et al.
	435/68.1	5,589,357	12/31/96	Martinez, et al.
	426/43	5,695,796	12/9/97	Yamamoto, et al.
	426/41	5,744,179	4/28/98	Shimamura, et al.
	435/71.2	5,854,029	12/29/98	Yamamoto
	426/41	5,882,705	3/16/99	Sato, et al.
<i>U</i>	435/68	5,952,193	9/14/99	Shimamura, et al.

FOREIGN PATENT DOCUMENTS			
Exam. Init's	Document No.	Date	Country
<i>NNM</i>	EP 0 474 506 B1	5/13/98	Europe
	04082898 A	3/13/92	Japan
	04282400 A	10/7/92	Japan
	08269088 A	10/15/96	Japan
<i>V</i>	99/65326	12/23/99	WO

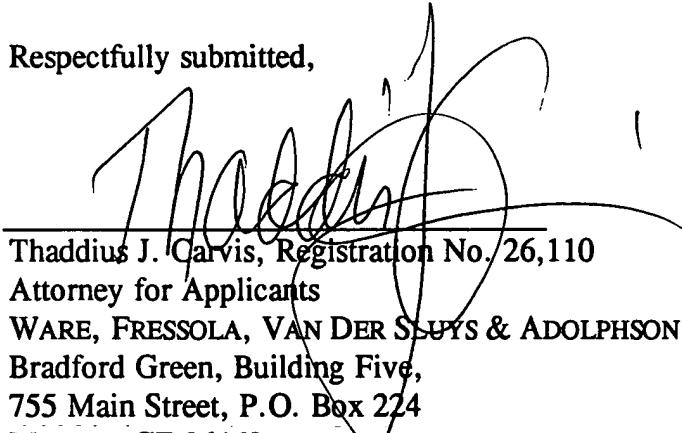
Other Documents	
Exam. Initials	Description (Author, Title, Date, Pages, etc)
<i>NNM</i>	Abubakar, A. <i>et al</i> ; "New Derivation of the Inhibitory Activity Against Angiotensin Converting Enzyme (ACE) from Sweet Cheese Whey"; <i>Tohoku J. Agri. Res.</i> Vol. 47 No. 1-2, 1-8; Sept. 1996.
	Abubakar, A. <i>et al</i> ; "Structural analysis of New Antihypertensive Peptides Derived from Cheese Whey Protein by Proteinase K Digestion"; <i>J. Dairy Sci.</i> 81:12, 3131-3138; 1996.
	Cushman, D. W. <i>et al</i> ; "Spectrophotometric Assay and Properties of the Angiotensin-Converting Enzyme of Rabbit Lung"; <i>Biochem Pharmacol</i> 20: 1637-1648; 1971.
	Ferreira, S.H., <i>et al</i> ; "Isolation of Bradykinin-Potentiating Peptides from <i>Bothrops jararaca</i> Venom"; <i>Biochemistry</i> , Vol 9, No. 13; 1970.
	Kohmura, M., <i>et al</i> ; "Inhibition of Angiotensin-converting Enzyme by Synthetic Peptides of Human β -Casein"; <i>Agri. Biol. Chem.</i> 53(8). 2107-2114; 1989.
	Laragh, J., "L-hypertension"; <i>La Recherche</i>, Vol. 10; 1068-1076; November 1979. <i>not in English</i>
<i>V</i>	Maruyama, S., <i>et al</i> ; "A Peptide Inhibitor of Angiotensin I Converting Enzyme in the Tryptic Hydrolysate of Casein"; <i>Agri. Biol. Chem.</i> 46(5); 1393-1394, 1982.

Page 4
Serial No. 09/702,068
Information Disclosure Statement

Other Documents (continued)	
Exam. Initials	Description (Author, Title, Date, Pages, etc.)
MM	Maubois, J. L., <i>et al</i> ; "Les peptides du lait à activité physiologique III. Peptides du lait è effet cardiovasculaire: activités antithrombotique et antihypertensive"; <i>Lait</i> , 71:249-255.
	Mullally, M. M., <i>et al</i> ; "Identification of a novel angiotensin-I-converting enzyme inhibitory peptide corresponding to a tryptic fragment of bovine β -lactoglobulin"; <i>FEBS Letters</i> , 402:99-101.
	Oshima, G., <i>et al</i> ; Peptide Inhibitors of Angiotension I-Converting Enzyme in Digests of Gelatin by Bacterial Collagenase; <i>Biochimica et Biophysica Acta</i> 566, 128-137, 1979.
	Pearce R. J.; "Whey Protein Recovery and Whey Protein Fractionation"; <i>Whey and Lactose Processing</i> ; J.G. Zadow, ed., Elsevier, 271-316, London.
W	Takano, Toshiaki; "Milk Derived Peptides and Hypertension Reduction"; <i>Int. Dairy Journal</i> 8 (1980) 375-381; Great Britain.

Respectfully submitted,

January 31, 2001


Thaddius J. Carvis, Registration No. 26,110
Attorney for Applicants
WARE, FRESSOLA, VAN DER SLOOT & ADOLPHSON LLP
Bradford Green, Building Five,
755 Main Street, P.O. Box 224
Monroe, CT 06468
203 261-1234

10/2/01
Date Considered


Examiner